

City of Chicago Codes Relating to Permanently Installed Roof Cars for Window Cleaning

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18-30-2720 Window Washer Power-operated Platforms of a Permanent Type.

Permanent window washing platforms shall comply with all the requirements of Chapter 18-30 of the Municipal Code of Chicago for elevators which are applicable to the type of equipment used and for the purpose for which the equipment is installed; also all additional parts and accessories necessary for their full operation.

(a) Plans and drawings shall be submitted for permit and shall be certified by a licensed architect or structural engineer, licensed to practice by the State of Illinois, in accordance with section 13-40-010 of this code.

(b) In cases of practical installation difficulty or new developments, exceptions for the literal requirements of the installation may be granted by the Building Commissioner to permit the use of other devices or methods, but only when it is clearly evident that equivalent protection is thereby secured.

(c) Application for permit shall comply with section 13-32-190, and shall be inspected in accordance with sections 13-20-100 and 13-20-140 of this code.

(d) Raising or lowering of the platform shall be power-operated by overhead machinery.

(e) All wiring shall be done to conform with the requirements of the electrical provisions of the Chicago Electrical Code as it applied for outdoor installation.

(f) Roof Machinery

(1) Roof machinery cars shall have a counterweight stabilizing factor of at least three to one when platform is at lowest point of travel.

(2) There shall be removable inspection plates on the worm gear housing for the purpose of inspecting the worm and gear. One plate shall be mounted adjacent to the mesh of the worm and gear, and one at the top of the gear housing.

(3) All machines shall be of winding drum type, arranged so that only one layer of wire rope is permitted. The drums shall be of cast iron or steel and have spiral finished U-grooves properly spaced for the cable size used. The worms, worm gear and spur gears shall have machine cut teeth. Cast iron for gearing material shall not be permitted. Tight fitting keys or splines shall be used for all connections subject to torque or tension. Only direct or geared couplings shall be provided between the speed reduction unit and hoisting drum.

(4) A primary brake shall be provided for normal stopping and holding of the platform. The primary brake shall be part of the driving machine assembly.

(5) A governor operated secondary brake shall be installed in addition to the

primary brake. The governor operated secondary brake shall be one of the following types:

(a) Direct applied shoe brake either externally or internally consisting of two brake arms carrying pivoted brake shoes with suitable flexible brake lining and arranged to apply directly upon the drum or substantial integral extensions of the drum.

(b) A self-energizing band brake, externally applied to the drum or substantial integral extensions of the drum. The brake shall be constructed of high tensile steel band and lined with suitable flexible brake lining.

(c) A geared brake employing mechanisms which are wholly independent of the main service drive. The brake shall be of the brake shoe type, the main drum gear shall be directly attached to the drum through body fitted bolts. If an auxiliary drum gear is used in connection with the secondary geared brake, it shall also be directly attached to the drum through body fitted bolts. The geared brake may be applied to the main service drum gear providing this gear is of heavy duty construction with the American Gear Manufacturers Association publication AGMA 440.03 June 1959, service factor of not less than 1.5 under conditions of maximum braking effect.

(6) Both the primary and secondary brakes shall be magnetically operated and spring set. Both brakes shall be arranged to operate on every stopping operation. In addition, the governor shall cause the secondary brake to set at 25 percent over-speed independent of normal stopping devices. Each brake shall be capable of stopping and holding the rated load.

(7) All parts of the primary brake and of the secondary brake are to be readily accessible for the inspection and adjustment and shall be completely weather protected so that their function will be substantially the same under all weather conditions.

(8) A governor test shall be made with a capacity load on the platform to determine whether the secondary brake will stop and hold the main drum in the event the drum exceeds 25 percent above the rated speed.

(9) The diameter of drums and sheaves shall be 40 times the diameter of the hoisting ropes.

(10) All structural members shall have a minimum factor of safety of five. All other components of the hoisting machinery shall have a factor of safety, based on the total static load, of eight for wrought iron or wrought steel and ten for cast iron, cast steel or other materials. Cast iron shall not be utilized in any load carrying capacity in the design of this equipment where it can be subjected to torsion, bending or tension.

(11) Safety factor for hoisting cables shall be not less than 10.

(12) The number and diameter of the cables shall be determined by using the required factor of safety and the rated ultimate strength of the cable. The computed load on the cables shall be the weight of the platform, plus its rated load, plus the weight of the hoisting cables. The minimum number of cables used shall be four. The minimum diameter of the cables shall be not less than 5/16's of an inch. Cables anchored to winding drums shall have not less than two complete turns of each cable on the winding drum when the platform has reached the limit of its travel.

(13) Winding drum machine shall have final stopping switches on the machine. Normal top and bottom terminal switches shall be provided.

(14) On 3-phase AC installations, the stopping switches on the machine shall be so arranged as to open the main line circuits to the motor and brake.

(15) Slack cable switches attached to the platform hitch shall be provided for each individual cable.

(g) Suspended Working Platform

(1) The suspended working platform shall be fabricated of steel or aluminum or alloy of these basic structural metals.

(2) Design of the working platform shall be of the girder or truss construction and shall be adequate to support its rated load with a safety factor of eight (8).

(3) Welding, riveting and bolting of the platform members shall be in accordance with accepted practices.

(4) Platforms shall be suitably guided and shall be stable through its entire operation from top or bottom or vice versa. Engaging guide rollers or guide shoes shall be so designed to compensate for variation in building contour. Guide shoe brackets or casting shall be of a material that will resist shear and tensile loading. Cast iron shall not be used.

(5) All parts used in the construction or operation of the platform shall be fabricated from material that will consistently withstand severe local weather extremes.

(6) Platforms shall have a minimum net width of 24" and shall be furnished with permanent guard rails 36" high in the front (building side) and on the sides and 42" high in the rear. Guard interstices shall be filled with metallic mesh or similar material and shall reject a ball of one (1) inch in diameter. If the platform is confined in its operation to a distance not exceeding 12 inches from the building, the mesh may be omitted on the front side, but a 4-inch toe guard along the front side must be provided. The platform flooring shall be of the nonskid type, open grating, which will reject a half ($\frac{1}{2}$) inch ball.

(7) The platform shall be fastened to the cables by individual tapered babbitted sockets, and the cable sockets and method of socketing shall comply with the requirements of this chapter. Each shackle shall be arranged for individual adjustment for cable tension.

(h) Ratings

(1) The rated speed of the platform shall not exceed fifty (50) feet per minute in the down direction with a fully loaded platform and shall not be less than 80 percent of the rated speed in the up direction with the same load.

(2) The rated capacity of the platform shall not exceed twenty-five (25) pounds per square foot of platform area. The area shall be measured between the protection guards or toe guard and sides (ends) of the platform. Each platform shall bear a manufacturer's

rating plate stating the maximum permissible net load which shall be the sum of the allowable load of men, tools, materials.

(i) Roof Car Operating Devices and Control Equipment. The roof car shall be rigidly constructed to withstand the unbalanced forces to which it will be subjected, and shall move on steel tracks securely fastened to the building structure.

(1) If the roof car is not parked in a roof garage, it shall be fully enclosed to protect the operating equipment placed on it from all weather extremes.

(2) The roof car, when power operated, shall have a drive independent of the driving units used for the platform.

(3) The control shall include constant pressure means to move the roof car forward or reverse, and a separate stop switch shall be available at the operating station to prevent all motion.

(4) The roof car shall not be movable unless the platform is out of its guides and in proper position on the roof car.

(5) Electric contacts or switches shall be provided and fastened to the building structure or roof car rails to indicate when the roof car is locked in proper place for placing of the platform in its guide.

(6) A power disconnect switch shall be permanently placed in roof car.

(j) Platform Operating Devices and Control Equipment.

(1) The control for the vertical travel of the platform shall be of the push button type and it shall be necessary to maintain a constant pressure on the "up" or "down" control button for operation. In addition, an emergency stop switch shall be provided which shall be of the positive open and close type. The control station and stop switch shall be permanently secured to one side guard of the platform and connected to the control panel through suitable rubber covered control cables.

(2) Where the platform length exceeds twenty (20) feet, an auxiliary control station shall be located at the opposite side guard of the platform. This control station shall include a constant pressure type of "run" button which must be held closed while the platform is being moved.

(3) Communication equipment shall be provided for each powered platform for use in an emergency.

(4) All platform controls shall be so designed as to operate on a nominal voltage of 120.

(5) The controller for operation of the platform shall be installed in the roof car. It shall be fully enclosed for protection from the weather.

(6) Automatic tension control shall be provided for control cables attached to platforms. When the tension in the control cable exceeds a safe limit, electrical interlocking contacts shall remove power from the vertical traveling hoistway machines and brakes.

CHAPTER 18-30

ELEVATORS, ESCALATORS, MOVING WALKS, DUMBWAITERS, MATERIAL LIFTS, PLATFORM LIFTS, STAIRWAY CHAIRLIFTS, CONVEYORS AND RELATED EQUIPMENT *

* **Editor's note** – Chapter 18-30, Elevators, Escalators, Moving Walks, Dumbwaiters, Material Lifts, Platform Lifts, Stairway Chairlifts, Conveyors and Related Equipment, was added by Coun. J. 10-7-09, p. 72419, § 1, effective 150 days after its passage and publication (March 6, 2010), and repealed a former Chapter 18-30 added by Coun. J. 1-10-01, p. 50236, § 1, concerning elevators, escalators, dumbwaiters and moving sidewalks, which was effective 30 days after its passage and publication (March 9, 2001)

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18-30-030 Part I of ASME – Adopted with modifications.

Article 2. Electric Elevators

18-30-040 Part II of ASME – Adopted with modifications.

Article 3. Hydraulic Elevators

18-30-050 Part 3 of ASME – Adopted with modifications.

Article 4. Elevators with Other Types of Driving Machines

18-30-060 Part 4 of ASME – Adopted with modifications.

Article 5. Special Application Elevators

18-30-070 Part 5 of ASME – Adopted without modification.

Article 6. Escalators and Moving Walks

18-30-080 Part 6 of ASME – Adopted without modification.

Article 7. Dumbwaiters and Material Lifts

18-30-090 Part 7 of ASME – Adopted without modification.

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18-30-100 Part 8 of ASME – Adopted with modifications.

Article 9. Reference Codes, Standards and Specifications

18-30-110 Part 9 of ASME – Adopted without modification.

Article 10. Figures

[18-30-120](#) Figures of ASME – Adopted without modification.

Article 11. Tables

[18-30-130](#) Tables of ASME – Adopted with modifications.

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[18-30-140](#) Appendices of ASME – Adopted with modifications.

Article 13. Existing Elevators and Escalators

[18-30-150](#) Preface of ASME EI – Adopted without modification.

[18-30-160](#) Part I of ASME EI-Introduction – Adopted with modifications.

[18-30-170](#) Part II of ASME EI-Hoistways and Related Construction for Electric Elevators – Adopted without modification.

[18-30-180](#) Part III of ASME EI-Machinery and Equipment for Electric Elevators – Adopted with modifications.

[18-30-190](#) Part IV of ASME EI-Hydraulic Elevators – Adopted with modification.

[18-30-200](#) Part V of ASME EI-Escalators – Adopted without modification.

[18-30-210](#) Part VI of ASME EI-Dumbwaiters – Adopted without modification.

[18-30-220](#) Part VII of ASME EI-Hand Elevators – Adopted without modification.

[18-30-230](#) Part VIII of ASME EI-Sidewalk Elevators – Adopted without modification.

[18-30-240](#) Part IX of ASME EI-Moving Walks – Adopted without modification.

[18-30-250](#) Part X of ASME EI-Private Residence Elevators – Adopted without modification.

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[18-30-380](#) **ASME A18.1 – Adopted with modifications.**

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Article 1. General Requirements (18-30-001 et seq.)

18-30-001 Scope.

This chapter shall regulate the design, construction, installation, operation, testing, inspection, maintenance, alteration and repair of all of the following equipment: elevators, escalators, moving walks, dumbwaiters, material lifts, platform lifts, stairway chairlifts, and vertical reciprocating conveyors and related equipment.

(Added Coun. J. 10-7-09, p. 72419, § 1)

18-30-005 Applicability.

The following persons are responsible for the equipment regulated by this chapter and shall comply with the requirements of this chapter: the owner of the building in which the equipment is located, the building owner's agent, the owner of the equipment, the equipment owner's

agent, and any person charged with managing, controlling or reporting on the equipment within the scope of services provided by such person pursuant to a written contract.

(Added Coun. J. 10-7-09, p. 72419, § 1)

18-30-010 Referenced codes and standards.

The following standards and codes are adopted by reference and, unless otherwise modified by this chapter, shall be considered part of the requirements of this chapter to the extent of each prescribed reference: American National Standard, *Safety Code for Elevators and Escalators*, ASME A17.1-2007/CSA B44-07 (hereinafter known as “ASME”); American National Standard, *Performance-Based Safety Code for Elevators and Escalators*, ASME A17.7-2007/CSA B44.7-07; American National Standard, *Guide for Inspection of Elevators, Escalators, and Moving Walks*, ASME A-17.2-2004 (hereinafter known as “ASME A17.2”); American National Standard, *Safety Code for Existing Elevators and Escalators*, ASME A17.3-2005 (hereinafter known as “ASME EI”); American National Standard, *Safety Standard for Platform Lifts and Stairway Lifts*, ASME A18.1-2005 (hereinafter known as “A18.1”); and American National Standard, *Safety Standard for Conveyors and Related Equipment*, ASME B20.1-2003 (hereinafter known as “B20.1”). If differences occur between the provisions of this chapter and the referenced standards, the provisions of this chapter shall apply.

Existing installations shall comply with the requirements set forth in Articles 13 and 14 of this chapter.

(Added Coun. J. 10-7-09, p. 72419, § 1)

18-30-015 Certificate of compliance – Required.

No person responsible for any equipment regulated by this chapter, as defined in section [18-30-005](#), shall operate or cause to be operated any elevator, moving walk, material lift, stairway chairlift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift or escalator unless a certificate of compliance has been issued by the building commissioner and is posted in accordance with the requirements of subsection (a) of section [13-20-110](#). Any person who violates any requirement of this section shall be fined not less than \$2,000.00 nor more than \$5,000.00 for each offense. Each day that a violation continues shall constitute a separate and distinct offense to which a separate fine shall apply.

(Added Coun. J. 10-7-09, p. 72419, § 1)

18-30-017 Submission of required documents.

If, pursuant to the requirements of section [2-22-040](#)(8) or section [13-20-014](#), the building commissioner authorizes a mandated inspection of any equipment regulated by this chapter, the owner of the building in which such equipment is located shall comply with the requirements set forth in section [13-20-014](#) and with all applicable rules and regulations promulgated by the commissioner. For purposes of this section, the term “owner” shall have the meaning ascribed to the term in section [13-4-010](#).

(Added Coun. J. 10-7-09, p. 72419, § 1)

18-30-020 Preface of ASME – Adopted without modification.

The Preface of ASME is adopted by reference and shall apply without modification.

(Added Coun. J. 10-7-09, p. 72419, § 1)

18-30-030 Part 1 of ASME – Adopted with modifications.

The provisions of Part 1 of ASME are adopted by reference and shall apply with the following modifications:

1. Section 1.3 (Definitions). Add definition: “**existing installation or existing:** an installation that has been legally permitted by the Department of Buildings prior to the effective date of this Ordinance.”

ARTICLE V. ELEVATORS, ESCALATORS, AND MOVABLE PLATFORMS* (13-20-100 et seq.)

SUBSTITUTE ORDINANCE

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CHICAGO:

SECTION 1. Title 13 of the Municipal Code of Chicago is hereby amended by adding a new Chapter 13-34, as follows:

Chapter 13-34 Scaffolding

* **Editor's note** – Coun. J. 11-3-99, p. 13842, § 3, added the title of Article V to read as herein set out.

13-20-100 Elevators, escalators and moveable platforms – Inspection required.

Except with respect to elevators in single-family homes, as to which the inspections specified in this section shall be made when necessary in the judgment of the buildings commissioner pursuant to regulation, every elevator, moving walk, material lift, stairway chairlift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift, or escalator now in operation, or which may hereafter be installed, together with the hoistway and all equipment thereof, shall be inspected under the authority or pursuant to the mandate of the building commissioner as often as deemed necessary by the building commissioner based on a risk assessment, and in no case shall any new equipment be placed in operation until an initial acceptance inspection of the same has been made. It shall be the duty of every owner, agent, lessee, person responsible for the equipment within the meaning of section [18-30-005](#) or occupant of any building wherein any such equipment is installed, and of the person in charge or control of any such equipment, to permit the making of a test and inspection of such elevator, or escalator, or other equipment set forth in this section and all devices used in connection therewith upon demand being made by the building commissioner or by his authorized elevator inspector within five days after such demand has been made.

(Prior code § 46-11; Amend Coun. J. 9-13-89, p. 4604; Amend Coun. J. 10-28-97, p. 54731; Amend Coun. J. 9-29-04, p. 32144, § 4; Amend Coun. J. 10-17-09, p. 72419, § 6; Amend Coun. J. 12-2-09, p. 78837, Art. 7, § 1)

13-20-110 Elevators, escalators and movable platforms – Certificate of compliance – Posting – Alteration or defacement of certificate prohibited – Penalty.

(a) Whenever any elevator, moving walk, material lift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift, or escalator has been inspected under the

authority or pursuant to the mandate of the building commissioner and the tests herein required shall have been made of all safety devices with which such equipment is required to be equipped and the result of such inspection and tests show such equipment to be in good condition, and that such safety devices are in good working condition and in good repair, it shall be the duty of the building commissioner to issue or cause to be issued a certificate setting forth the result of such inspection and tests and containing the date of inspection, the weight which such equipment will safely carry and a statement to the effect that the shaft doors, hoistway, and all equipment, including safety devices, comply with all applicable provisions of Chapter [18-30](#) of this Code, upon the payment of the inspection fee required by the provisions of this Code. It shall be the joint and several duty of the owner, agent, lessee, or occupant of the building in which such equipment is located and of each person in charge or control of any elevator to frame such certificate and to place such framed certificate in a conspicuous place in the elevator to which the certificate applies. Certificates issued under this section for any moving walk, material lift, stairway chairlift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift, or escalator shall be kept on site by the owner, agent, lessee, occupant or person in charge or control of such equipment and, upon request by a city inspector or other authorized person, shall be made available for inspection by such city inspector or other authorized person. The words "safe condition" in this section shall mean that it is safe for any load up to the approved weight named in such certificate.

(b) It shall be unlawful for any person to alter, deface, modify or duplicate, or to cause to be altered, defaced, modified or duplicated, any certificate issued or caused to be issued by the building commissioner under subsection (a) of this section. Any person who violates any requirement of this subsection shall be fined not less than \$2,000.00 nor more than \$5,000.00 for each offense.

(c) It shall be the duty of the person responsible for any of the equipment set forth in subsection (a) of this section to immediately notify the building commissioner if any certificate issued or caused to be issued by the building commissioner under subsection (a) of this section has been altered, defaced, modified or duplicated in any way. Any person who violates any requirement of this subsection shall be fined not less than \$2,000.00 and not more than \$5,000.00 for each offense. Each day that a violation continues shall constitute a separate and distinct offense to which a separate fine shall apply. For purposes of this subsection (c), the term "person responsible for the equipment" shall have the meaning set forth in section [18-30-005](#).

(Prior code § 46-12; Amend Coun. J. 9-13-89, p. 4604; Amend Coun. J. 9-29-04, p. 32144, § 4; Amend Coun. J. 6-29-05, p. 51785, § 1; Amend Coun. J. 10-17-09, p. 72419, § 7)

13-20-120 Elevators, escalators and movable platforms – Noncompliance.

Where the result of such inspection or tests shall show that any elevator, moving walk, material lift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift, or escalator is in an unsafe condition or in bad repair, or shall show that any of the safety devices, which are required by the provisions of Chapter [18-30](#) of this Code, have not been installed or if installed, are not in good working order or not in good repair, such certificate shall not be issued until such elevator, its hoistway, and its equipment, or such moving walk, material lift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift, or escalator, or such device or devices have been put in good working order.

(Prior code § 46-13; Amend Coun. J. 9-29-04, p. 32144, § 4; Amend Coun. J. 6-29-05, p. 51785, § 2; Amend Coun. J. 10-17-09, p. 72419, § 8)

13-20-130 Elevators, escalators and movable platforms – Unsafe condition – Power of commission to stop operation – Penalty for violation of order.

(a) Whenever any elevator inspector finds any elevator, its equipment and hatchway, including doors, or any escalator, moving walk, material lift, stairway chairlift, vertical reciprocating conveyor, movable stage, movable orchestra floor, platform lift, mechanical amusement riding devices or any other equipment regulated under this code in an unsafe condition, he shall immediately report the same to the elevator inspector in charge, who shall report it to the building commissioner, together with a statement of all the facts relating to the condition of such equipment. It shall be the duty of the building commissioner, upon receiving from the elevator inspector in charge a report of the unsafe condition of such equipment and hatchway, including doors, to order the operation of such equipment to be stopped and to remain inoperative until it has been placed in a safe condition.

(b) It shall be unlawful for any agent, owner, lessee, person responsible for the equipment within the meaning of section [18-30-005](#), occupant of any building wherein any such equipment is located, or any other person to violate any order to cease operation of unsafe equipment issued by the building commissioner under this section, or to permit or allow any equipment identified in such order to be used or to remain in use or to be placed back into operation, after the receipt of a notice from the building commissioner, which notice is in writing, that such equipment is in an unsafe condition. The prohibitions set forth in this subsection (b) shall remain in effect until such time that the building commissioner determines that the unsafe equipment identified in the order or notice has been restored to a safe and proper condition as required by the provisions of this Code and the order to cease operation of the equipment is lifted or otherwise released by the building commissioner. Any person who violates any requirement of this subsection shall be fined not less than \$10,000.00 and not more than \$50,000.00 for each offense. Each day that a violation continues shall constitute a separate and distinct offense to which a separate fine shall apply. In addition to the fine prescribed in this subsection, any person who violates any requirement of this subsection where such violation results in the death or injury of any person shall be subject to a term of imprisonment for a period of not less than 7 days and not more than 6 months under the procedures set forth in Section 1.2-1.1 of the Illinois Municipal Code, as amended, and under the provisions of the Illinois Code of Criminal Procedure, as amended.

(Prior code § 46-14; Amend Coun. J. 9-13-89, p. 4604; Amend Coun. J. 9-29-04, p. 32144, § 4; Amend Coun. J. 10-17-09, p. 72419, § 9)

13-20-140 Elevators, escalators and movable platforms – Inspection fee.

(a) The building commissioner is authorized to, and shall assess, the following inspection fees for any annual or other periodic inspection of the following equipment:

For an elevator, vertical reciprocating conveyor or manlift ten floors or less \$105.00

For an elevator or vertical reciprocating conveyor above ten floors but less than 21 floors 125.00

For an elevator or vertical reciprocating conveyor over 20 but less than 31 floors 140.00

For an elevator or vertical reciprocating conveyor over 30 floors 155.00

Skip stops shall be considered as a floor of the building.

For an escalator or moving walk 75.00

Movable stage or orchestra floor 125.00

Platform lift 75.00

Hinged platform lift for trucks and loading docks 45.00

Material lifts 105.00

Platform wheel chair lifts, inclined wheel chair lifts and stairway chairlifts 50.00

(b) Whenever the department of buildings must conduct a reinspection of a movable stage or orchestra floor, the commissioner of buildings is authorized to assess a reinspection fee of \$100.00 against the building's owner, agent, lessee or occupant. Whenever the department of buildings must conduct a reinspection of any equipment regulated under Chapter 18-30 of this Code other than a movable stage or orchestra floor, the reinspection fee set forth in section 18-30-415 or 18-30-420, as applicable, shall apply.

(Prior code § 46-15; Amend Coun. J. 7-9-84, p. 8218; Amend Coun. J. 3-29-89, p. 26819; Amend Coun. J. 11-17-93, p. 42192; Amend Coun. J. 10-28-97, p. 54731; Amend Coun. J. 11-19-03, p. 14216, § 8.2; Amend Coun. J. 9-29-04, p. 32144, § 4; Amend Coun. J. 12-15-04, p. 39840, § 1; Amend Coun. J. 12-12-07, p. 17167, § 18; Amend Coun. J. 10-17-09, p. 72419, § 10)

13-32-190 Elevator construction or alteration.

Before proceeding with the construction, installation, or alteration of any elevator or mechanical equipment used for the raising or lowering of any curtain, stage, or orchestra floor, platform lift, dumbwaiter, escalator, or mechanical amusement device or apparatus, application for a permit for such construction, installation, or alteration shall be submitted to the building commissioner either by the owner or agent of the building, or of the premises on which such equipment is to be installed. A permit shall be obtained for any alteration in such elevator equipment except that this requirement shall not apply to the replacement of existing parts with other parts which are identical with those which are replaced. No permit shall be issued for such work except to an elevator mechanic contractor duly registered under the provisions of chapter [4-298](#) of the Municipal Code of Chicago.

The application for a permit shall specify the number and kind of equipment which it is desired to install, or the nature of the alteration to be made and the location of the building, structure, or premises, and shall be accompanied by such drawings and specifications as shall be necessary to inform said commissioner of the plan of construction, type of elevator, dumbwaiter, escalator, platform lift, or mechanical amusement device, method of alteration, and the location thereof. Every application for a permit for a mechanical riding amusement device shall include a registration number assigned such device by the bureau of elevators of the department of buildings. For every new or previously unregistered mechanical amusement device, a detailed drawing and description of the construction thereof, with a certificate signed by a licensed architect or engineer certifying to the strength and safety of such device, must be submitted to the bureau of elevators for approval and assignment of a registration number. No permit shall be issued for a mechanical riding amusement device unless such device has been registered with the bureau of elevators. If such drawings and specifications show that the equipment is to be installed or altered in conformity with the building provisions of this code, the building commissioner shall approve the same and shall issue a permit to such applicant upon the payment of such applicant of the permit fee hereinafter named. It shall be unlawful for any

owner, agent or contractor to permit or allow the installation or alteration of any such equipment until a permit has been obtained, and the permit fee paid.

(Prior code § 43-15; Amend Coun. J. 9-13-89, p. 4604; Amend Coun. J. 10-28-97, p. 54728; Amend Coun. J. 12-4-02, p. 99026, § 2.11; Amend Coun. J. 11-13-07, p. 14999, Art. II, § 1)

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